



1655

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Nancy E. Yorke  
Name

Nancy E. Yorke  
Signature

9/18/2003  
Date

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kalchman et al.

Serial No.: 09/701,205 - Case No.: MC010PI

Art Unit: 1655

Filed: November 27, 2000

Examiner: Lu

For: APOPTOSIS MODULATORS THAT INTERACT  
WITH THE HUNTINGTON'S DISEASE GENE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

AMENDMENT

RECEIVED  
SEP 25 2003  
TECH CENTER 1600/2900

Sir:

Responsive to the outstanding Office Action dated June 18, 2003, in the above-identified application, having a response due September 18, 2003.

IN THE SPECIFICATION:

Please insert the following new abstract :

-- Disclosed herein is a family of proteins, including a specific human protein designated as HIP1, that interact differently with the gene product of a normal (16 CAG repeat) and an expanded (>44 CAG repeat) HD gene. HIP1 protein is expressed predominantly in the brain. The HIP1 protein includes a death effector domain (DED), suggesting an apoptotic function. Thus, it appears that a normal function of Huntingtin may be to bind HIP1 and related apoptosis modulators, reducing its effectiveness in stimulating cell death. Since expanded